# VT-100 EMULATOR

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# APPLE TERMINAL:
# VT-100 EMULATOR

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In conjunction with Apple Computer Inc.

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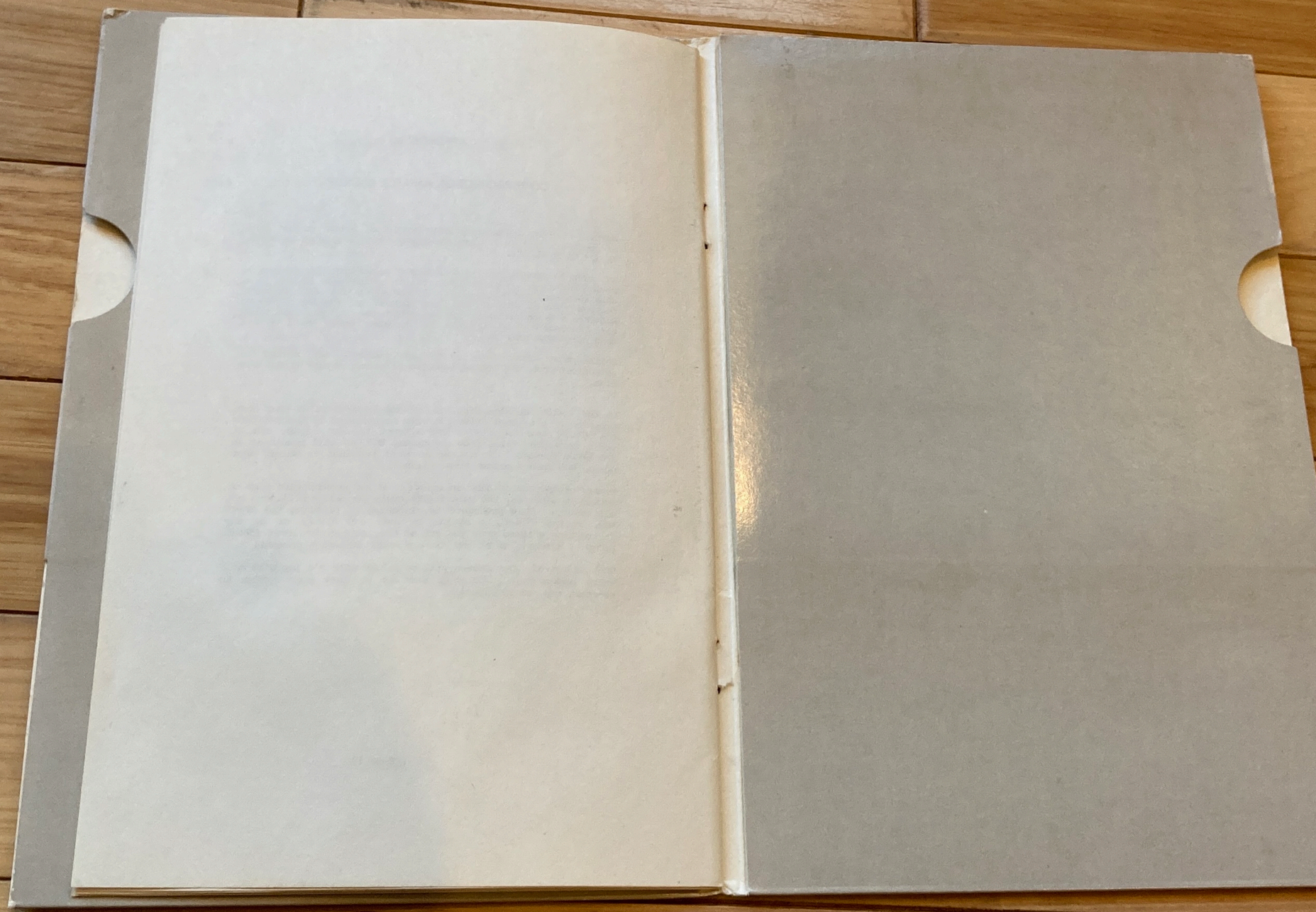

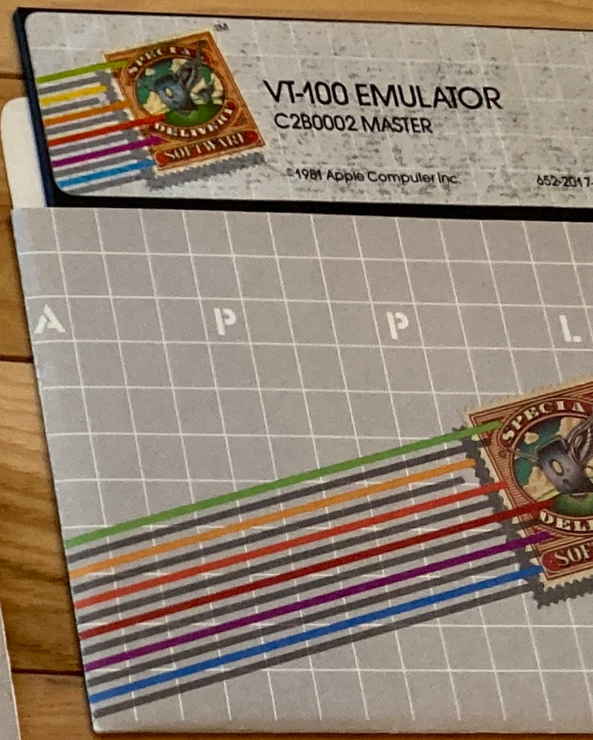
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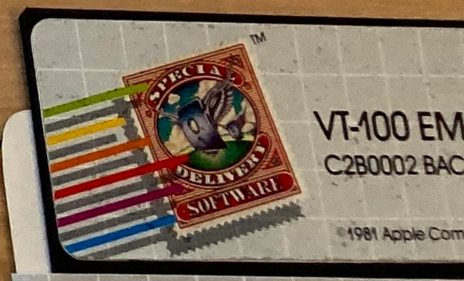
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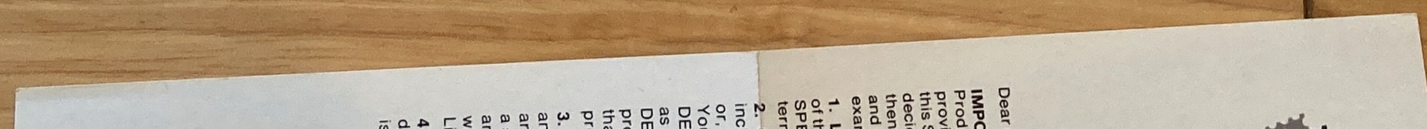


will reply:

```
INVALID ENTRY
#
```

You must re-enter BOTH the account number and the password. RSTS/E permits three retries, and then hangs up the phone. If you do not have a valid account number and password, end the Apple Terminal program by pressing the RESET key. You MUST NOT end the program this way if you successfully log on.

Once you have successfully logged on, Apple Terminal will function just as any CRT terminal. If the computer responds "R%!$9" where you expect "Ready", the RSTS/E system you are talking to is in upper/lower case. RSTS/E has to be set for upper case only (see Section 5) for the Apple.

### 4.3 Special Keys

Apple Terminal has two special keys. There is no delete or rubout key on the Apple keyboard, so special programming in the Apple Terminal changes the left arrow key into a delete key. Since this is the way in which left arrow is treated by most Apple programs, very little difference will be noticed.

The second special character is the backslash. This character is required by a number of RSTS/E utilities, and also by many application programs, but it is not available on the Apple keyboard. To remedy this, special programming has been included in Apple Terminal to change ©B into the backslash character. To type a backslash, hold down the control (CTRL) key while pressing the B key. A backslash will appear on the screen.

## 5.0 ADDITIONAL CAPABILITIES

Apple Terminal has functionality far beyond that of a simple terminal. To access these features, enter the READY state and press ©A. The screen will be cleared and the following menu



displayed:

```
                APPLE TERMINAL

A - AUTO SET UP
F - FILE TRANSFER
P - SET EXPECTED PROMPT
R - RESUME TERMINAL OPERATION
E - EXIT


COMMAND ?
```

Each function is discussed individually below.

### 5.1 Auto Set Up

RSTS/E is capable of supporting a wide variety of terminals, and includes a program that accepts commands informing RSTS/E of the characteristics of any particular terminal. The auto set up function automatically sends the series of commands appropriate for the Apple Terminal system. While individual discussion of these commands is beyond the scope of this documentation, they are listed below:

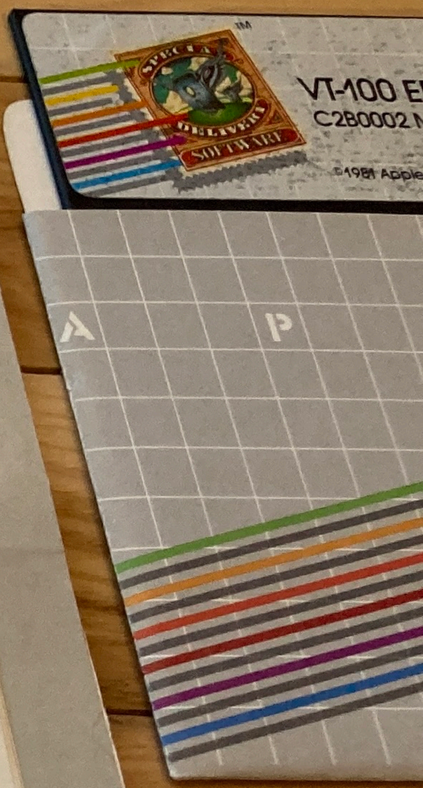
```
SET NO LC OUTPUT
SET SCOPE
SET WIDTH 40
SET XON
SET ESC SEQ
SET FILL 5
```

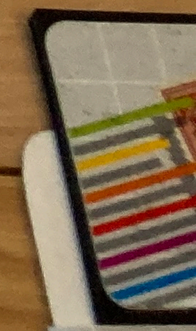
It is highly recommended that this function be invoked immediately following a successful log in. When the sequence of commands is complete, the menu will be displayed again.

### 5.2 File Transfer

It is often very useful to be able to transfer files from the Apple II to a RSTS/E system or vice versa. This is particularly true of text files or program source files, but because of the way in which Applesoft and Integer Basic source programs are stored on disk, they may not be transferred directly. Only DOS text files may be transferred.





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